Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 19 Jan 2023 until 23:59 on Friday 20 Jan 2023

Forecast Issued on Wednesday 18 Jan 2023 at 15:49

Confidence: High for remaining cold through Thursday and Friday with plenty of dry and bright weather around and for becoming milder over the weekend, but lower for details from Saturday.

Headline for Thursday 19 Jan 2023: Sunny spells and a few snow showers. Very cold with fresh northwest winds

Mountain weather hazards on Thursday 19 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	10%	20%	20%	20%	10%	<05%	00%

Forecast for Thursday 19 Jan 2023

Weather: Clear spells with an increasing risk, especially across western hills, of a few snow showers towards the end of the night. Then a bright day with sunny spells, the best of these in the east, with the odd snow shower, these mainly across western hills. The evening looks dry with long clear spells.

Chance of cloud-free hill tops above 600m: Around 60% in west but nearer 90% in east

Low cloud and visibility: Occasional or, especially through the morning, periods of cloud above about 450-600m in west but generally only small amounts below summit level in the east. Away from cloud visibility very good but falling to a kilometre or less in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 19 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 W	14/19 SW	15/20 W	16/22 W	16/22 W	15/21 W	15/21 W	15/21 W	16/21 W
300	9/15 W	9/14 SW	9/15 W	10/15 W	11/16 W	9/15 W	9/14 W	9/14 W	9/14 W
Valley	4/12 W	4/11 SW	5/13 SW	6/13 W	6/13 W	7/15 W	5/13 W	4/11 W	4/12 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-4/-10	-3/-10	-3/-10	-2/-9	-2/-8	-2/-9	-2/-9	-2/-9
300	-1/-6	-1/-6	-1/-6	-1/-6	0/-5	0/-4	0/-4	-0/-5	-0/-5
Valley	-2/-5	-2/-5	-1/-4	-1/-4	1/-2	1/-2	0/-3	-1/-3	-1/-4
Freezing Level*	00m	00m	100m	100m	300m	300m	200m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Surfaces expected to remain frozen at almost all levels through the day and feeling very cold, especially at higher elevations.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 18 Jan 2023	1.4mm	1.4mm	3.2mm

Forecast for Friday 20 Jan 2023

Weather: Dry with long clear spells then a largely sunny day, although through the afternoon eastern hills may see rather more in the way of cloud. Remaining dry with long clear spells through the evening. Feeling less cold than recent days as winds ease.

Maximum wind: Northwesterly 20mph decreasing to less than 10mph by early afternoon

Chance of cloud-free hill tops above 600m: Close to 100%

Low cloud and visibility: Little or no cloud is expected below the summits with very good or excellent visibility.

Temperature: **Valleys:** Around minus 3 or 4 Celsius at dawn and later, rising to plus 2 or 3 Celsius by early afternoon
At 600m: Around minus 2 Celsius
Freezing level: All levels, briefly rising to 200-300m

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